

## INTERNATIONAL SEARCH REPORT

Inte Application No  
PCT/IB2005/051001

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H03M1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/041245 A1 (BROWNLOW MICHAEL JAMES ET AL) 11 April 2002 (2002-04-11) paragraphs '0010!, '0073!, '0074!; figures 2,9,12	1,30,33
A	US 4 937 578 A (SHIODA ET AL) 26 June 1990 (1990-06-26) the whole document	2-29,31, 32
A	US 5 367 302 A (KALTHOFF ET AL) 22 November 1994 (1994-11-22) figure 1	1-32
		1,30

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 June 2005

Date of mailing of the international search report

15/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Henderson, R

## INTERNATIONAL SEARCH REPORT

Information on patent family members

In  
International Application No  
**PCT/IB2005/051001**

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002041245 A1	11-04-2002	GB 2362277 A		14-11-2001
		CN 1335682 A		13-02-2002
		JP 2002026732 A		25-01-2002
		TW 501081 B		01-09-2002
US 4937578 A	26-06-1990	JP 1233919 A		19-09-1989
		JP 2751186 B2		18-05-1998
		CA 1287172 C		30-07-1991
		GB 2217128 A ,B		18-10-1989
US 5367302 A	22-11-1994	NONE		

VIII-2-1	<p><b>Declaration: Entitlement to apply for and be granted a patent</b></p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)). In a case where the declaration under Rule 4.17(iv) is not appropriate:</p> <p>Name (LAST, First)</p>	<p>in relation to this international application</p> <p>KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled to apply for and be granted a patent by virtue of the following:</p>
VIII-2-1(i) i)		KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, EDWARDS, Martin, J.
VIII-2-1(i) x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America